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(54) FLEXIBLE MESH TYPE POWER TRANSMISSION UNIT

be reduced.

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(57) Abstract:

PURPOSE: To reduce variations in torque, by constituting a flexible mesh type power transmission unit with a wave generator, a flexible outer ring gear, an inner ring gear and an annular projection formed on the inner peripheral surface of the outer ring gear.

CONSTITUTION: Cams 14a, 14b are connected to a boss 11 by means of spacers 12a, 12b and retainer rings 13a, 13b so that a wave generator is formed. An outer ring gear 10 having on its inner peripheral surface an annular projection 10A is fitted onto the outer peripheral surface of the wave generator with the annular projection 10A being held between two cams 14a, 14b, while inner ring gears 8, 9 are meshed with each other. With this arrangement, no manufacturing and assembling accuracies of the attachment side is required to be high, and as well variations in torque may

